Egnater™
CUSTOM AMPLIFICATION

TWEAKER-40

Owner's Manual

TWEAKER-40 HEAD

Greetings……….
I would like to personally thank you for choosing Egnater as your “Tone Partner”. Our goal is to provide you with the best tools we can to help you express yourself to the fullest. Your amplifier is an integral piece in your never ending “Tone Quest”. Our commitment to helping you achieve that goal is our passion. Our hope is that you will take advantage of the years of innovative tube amp designs we offer and use it to find the sound that is “in your head”.
Thank you for putting your trust in Egnater.

Best Regards,

Bruce Egnater

Bruce Egnater

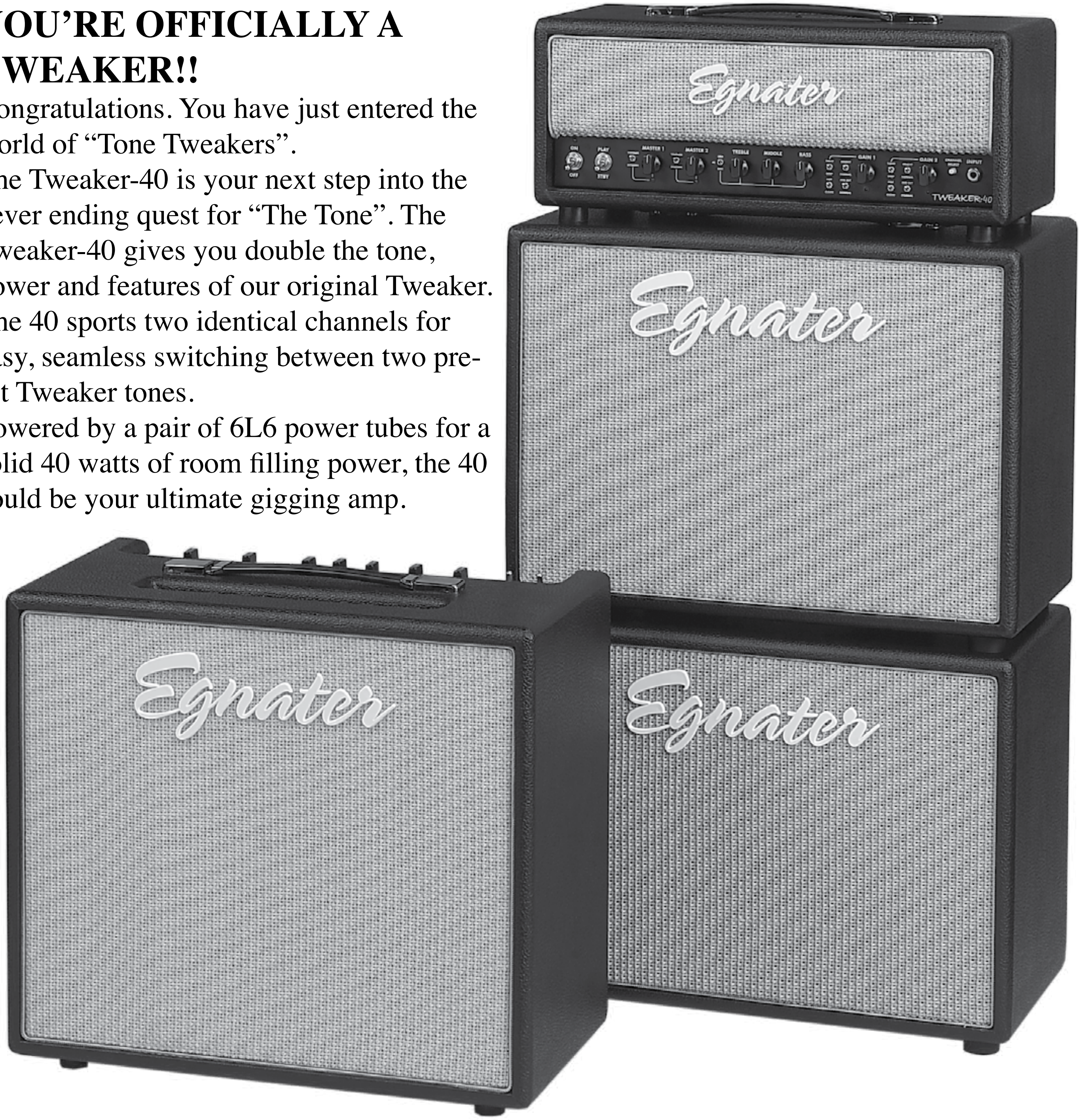
INSIDE THIS OWNER’S MANUAL

YOU'RE OFFICIALLY A TWEAKER!!

Congratulations. You have just entered the world of "Tone Tweakers".

The Tweaker-40 is your next step into the never ending quest for "The Tone". The Tweaker-40 gives you double the tone, power and features of our original Tweaker. The 40 sports two identical channels for easy, seamless switching between two preset Tweaker tones.

Powered by a pair of 6L6 power tubes for a solid 40 watts of room filling power, the 40 could be your ultimate gigging amp.





Each channel has a full complement of Tweaker switches for seemingly endless variations. The master tone control section has our magical BRIT/VX/USA voicing switch that gives you instant access to all the great classic and modern tones. The VINTAGE/MODERN voicing switches further enhance the tone possibilities. The Tweaker amps exist to satisfy your "Jones for Tones". In no time at all, you will be hooked.

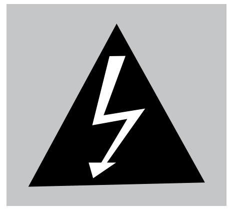
IMPORTANT INFORMATION

Please keep this instruction manual for future reference and for the duration of owning this Egnater Tweaker. Please carefully read and understand the instructions inside this user's manual before attempting to operate your new amp. This instruction manual includes essential safety information regarding the use and maintenance of the Tweaker. Take special care to heed all warning symbols and signs inside this manual and those printed on the amplifier itself.



WARNING

TO PREVENT FIRE OR SHOCK HAZARD, **DO NOT** EXPOSE THE AMPLIFIER TO WATER OR MOISTURE. DO NOT OPERATE NEAR ANY WATER SOURCE



WHAT'S THE MEANING OF THIS?

The lightning flash with an arrow triangular symbol is intended to alert the user to the presence of non-insulated "dangerous voltage" within the products enclosure, and may be of sufficient magnitude to constitute a risk of electric shock



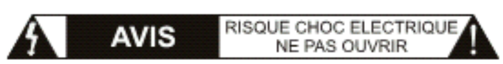
WHAT'S THE MEANING OF THIS?

The exclamation point triangular symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the user manual accompanying this amplifier

1. Read these instructions – All the safety and operating instructions should be read before this product is operated.
2. Keep these instructions – The safety and operating instructions should be retained for future reference.
3. Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operating and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of grounding plug. A grounding plug has two blades and a third grounding prong. The third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug the apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
16. WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
17. WARNING: For the terminals marked with symbol of "ϟ" may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the used of ready-made leads or cords.
18. WARNING: The mains plug and ac connector is used as disconnect device, the disconnect device shall remain readily operable



19. This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
- Warning: To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

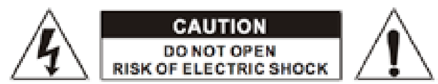
Ensure that the ventilation is not impeded by covering the ventilation opening with items such as newspapers, table-cloths and curtains etc.

WARNING



Handle the power supply cord with care. Do not damage or deform; it may cause electric shock or malfunction when used. Hold plug attachment when removing from wall outlet. Do not pull on the power cord.

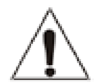
FOLLOW THESE SAFETY PRECAUTIONS



CAUTION: To reduce the risk of electric shock, do not remove any cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the use to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this amplifier.

CAUTION

To prevent electric shock, do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

1. READ INSTRUCTIONS – All the safety and operating instructions should be read before this product is operated.

2. RETAIN INSTRUCTIONS – The safety and operating instructions should be retained for future reference.

3. HEED WARNINGS – All warnings on the amplifier and in the operating instructions should be adhered to.

4. FOLLOW INSTRUCTIONS – All operating and use instructions should be followed.

5. WATER AND MOISTURE – The amplifier should not be used near water - for example, a bathtub, washbowl, kitchen sink, laundry tub, wet basement, or near a swimming pool, and the like.

6. CARTS AND STANDS – The amplifier should be used only with a cart or stand that is recommended by the manufacturer.



An amplifier and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the amplifier and cart combination to overturn.

7. WALL OR CEILING MOUNTING – The product should never be mounted to a wall or ceiling.

8. HEAT – Amplifier should be situated away from heat sources such as radiators, heat registers, stoves, or other amplifier (including amplifiers) that produce heat.

9. POWER SOURCES – This product should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

10. GROUNDING OR POLARIZATION – This product may be equipped with a polarized alternation-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

11. POWER-CORD PROTECTION – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the cord in correspondence of plugs, convenience receptacles, and the point where they exit from the amplifier.

12. CLEANING – The amplifier should be cleaned only as recommended by the manufacturer. Clean by wiping with a cloth slightly damp with water. Avoid getting water inside the amplifier.

14. NON-USE PERIODS – The power cord of the amplifier should be unplugged from the outlet when left unused for a long period of time.

15. OBJECT AND LIQUID ENTRY – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

16. DAMAGE REQUIRING SERVICE – The amplifier should be serviced by qualified service personnel when:
  A. The power-supply cord or the plug has been damaged; or
  B. Objects have fallen, or liquid has been spilled into the amplifier; or
  C. The amplifier has been exposed to rain; or
  D. The amplifier does not appear to operate normally or exhibits a marked change in performance; or
  E. The amplifier has been dropped, or the enclosure damaged.
  F. The amplifier needs tube replacement or biasing

17. SERVICING – The user should not attempt any service to the amplifier beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

18. VENTILATION – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built- in installation such as a bookcase or rack.

19. ATTACHMENTS – do not use attachments not recommended by the product manufacturer as they may cause hazards.

20. ACCESSORIES – Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product.

21. LIGHTNING – For added protection for this product before a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

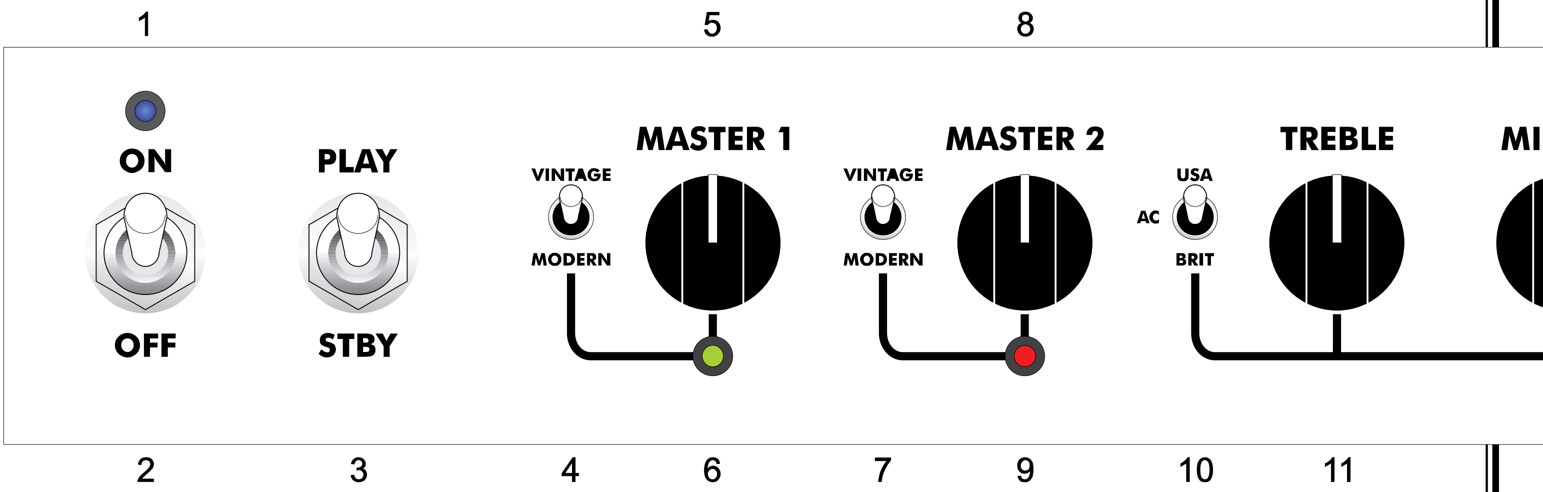
22. REPLACEMENT PARTS – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

23. SAFETY CHECK – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

24. FUSES – Always use the correct rating and type of fuse as indicated on the rear panel. Note the proper rating fuse is determined by the AC line voltage in the country this unit is being operated.

25. AC SELECT SWITCH: This switch must be set to match the AC line voltage in the country this unit is being operated. To change the setting, loosen (do not remove) the two screws above and below the slide switch. Temporarily move the protective cover strip and slide the actuator to match the voltage in your country. Place the protective cover strip back over the switch and tighten the two screws.

Egnater™ CUSTOM AMPLIFICATION TWEAKER-40 HEAD



1) COOL BLUE PILOT LIGHT: Tells you the amp is ON and ready to rock.

2) ON/OFF SWITCH: Turns the main power On and Off.

NOTE: The correct procedure for turning ON and turn OFF is as follows: When first powering the amp ON, always have the STANDBY switch in the STANDBY position. Turn the POWER switch ON. Wait about 30 seconds or longer before moving the STANDBY switch to PLAY. Reverse this procedure when turning the amp OFF. Turn the STANDBY off first, followed by POWER off. By following these steps you will help extend tube life by not "slamming" the tubes with high voltage while they are cold.

3) STANDBY/PLAY SWITCH: The STANDBY switch has a couple of important functions. First, it can help extend tube life as we described above. The other is so that your amp can be ready and warmed up but not producing any sound until you switch to PLAY. This is great for set breaks or when the amp may sit idle for a while and you don't want to wait for it to warm back up before playing.

4) CHANNEL 1 VINTAGE/MODERN SWITCH: The two switch settings modify the power amp circuit from a fairly "neutral" sort of response (not in a bad way) in the VINTAGE setting, to a more aggressive tone and feel in the MODERN position by boosting the low and high end just the right amount.

5) MASTER 1: Adjusts the loudness of CHANNEL 1.

6) CHANNEL 1 ON LED: Tells you CHANNEL 1 is active.

7) CHANNEL 2 VINTAGE/MODERN SWITCH: The two switch settings modify the power amp circuit from a fairly "neutral" sort of response (not in a bad way) in the VINTAGE setting, to a more aggressive tone and feel in the MODERN position by boosting the low and high end just the right amount.

8) MASTER 2: Adjust the loudness of CHANNEL 2.

9) CHANNEL 2 ON LED: Tells you CHANNEL 2 is active.

10) BRIT/AC/USA SWITCH: This is a really cool feature. Partly where the TWEAKER got its name. This magical switch lets you instantly select any one of the three "classic" tone control circuits that are quite familiar to all of us. The USA setting duplicates the classic American/California so revered in those "Blackface" amps. The BRIT settings conjures up the stronger lower midrange girth of the British amps. The AC setting creates a unique voice that lives in the world of alternate British amps whose three letter name begins with V and ends in X. Use this switch along with the tone control knobs to create a never ending palette of classic and unique tones.

11, 12 & 13) TONE CONTROLS: Pretty self-explanatory. The Tweaker-40 features the familiar passive tone control designs of many revered classic tube amps. Dial in beautiful, pristine clean sounds to bold, powerful overdrive tones. You'll find a vast array of stellar sounds. Don't hesitate to turn the knobs. Let your ears create the tones, not your eyes.

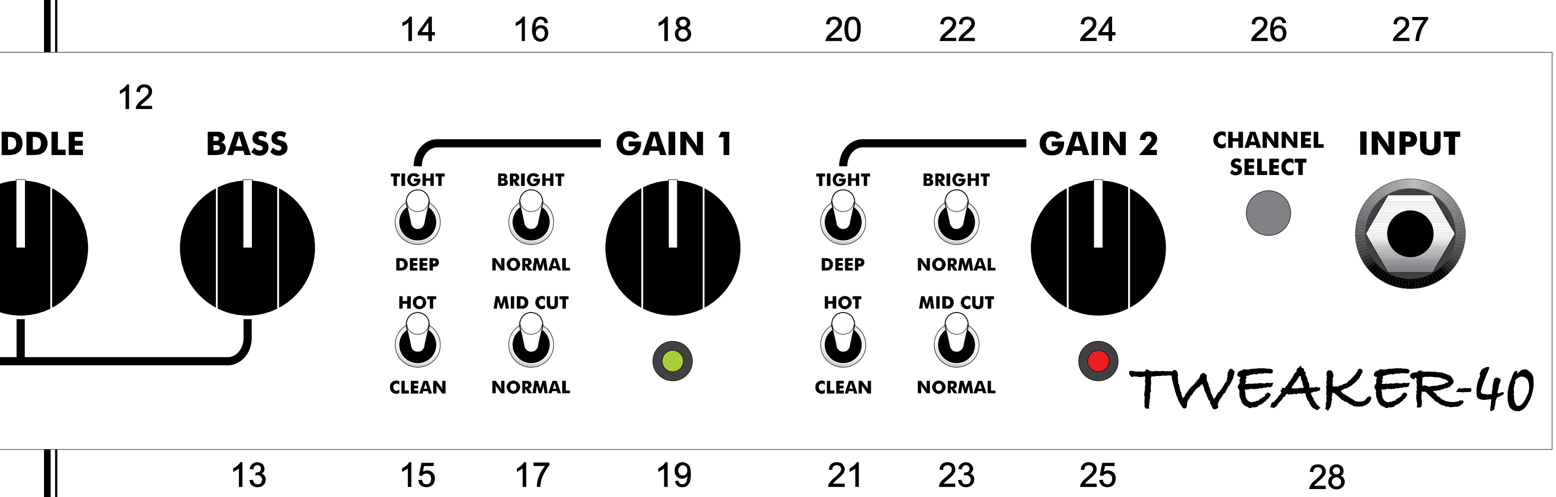
14) CHANNEL 1 TIGHT/DEEP SWITCH: This switch is really useful for tightening up the low end, especially when pushing the gain. It works by cutting the deep bass at the beginning of the preamp. Setting the TIGHT switch to "tight" will result in a clearer, more defined tone. The "deep" setting retains a full, big low end that is great for a really robust, fat rhythm sound.

15) CHANNEL 1 HOT/CLEAN SWITCH: In the CLEAN setting, the gain is reduced to make is easy to dial in a pristine clean to moderate crunch with the GAIN knob. HOT unleashes the fury for high gain rock or singing solos.

16) CHANNEL 1 BRIGHT/NORMAL SWITCH: As expected, the BRIGHT setting boosts the high end. Do experiment with different combinations of the BRIGHT on and TREBLE knob down compared to the BRIGHT off and the TREBLE up. You will find that with the BRIGHT on and the TREBLE down, the tone will be a little less midrangy compared to the BRIGHT off and the TREBLE turned up.

17) NORMAL/MID CUT SWITCH: In the NORMAL setting, the midrange is, well, normal. The MID CUT on opens a whole new range of tones to further expand your "tonal palette". Try using the MID CUT with your clean sound to create a pristine, almost acoustic tone or

QUICK START GUIDE



to take some of the "honk" out of your humbucking pickups. Try it on your high gain settings to get some serious "metal-ish" chunk.

18) CHANNEL 1 GAIN: This controls the amount a "drive" in the preamp. Low settings of the GAIN knob (with higher settings of the VOLUME knob) will keep the sound big, full and beautiful. You can also use higher settings of the GAIN knob to push the channel into overdrive and get some really raucous rock & roll crunch tones.

19) CHANNEL 1 ON LED: Tells you CHANNEL 1 is active.

20) CHANNEL 2 TIGHT/DEEP SWITCH: This switch is really useful for tightening up the low end, especially when pushing the gain. It works by cutting the deep bass at the beginning of the preamp. Setting the TIGHT switch up will result in a clearer, tighter tone. Down retains a full, big low end that is great for a really robust, fat rhythm sound.

21) CHANNEL 2 HOT/CLEAN SWITCH: In the CLEAN setting, the gain is reduced to make is easy to dial in a pristine clean to moderate crunch with the GAIN knob. HOT unleashes the fury for high gain rock or singing solos.

22) CHANNEL 2 BRIGHT/NORMAL SWITCH: As expected, the BRIGHT setting boosts. the high end. Do experiment with different combinations of the BRIGHT on and TREBLE knob down compared to the BRIGHT off and the TREBLE up. You will find that with the BRIGHT on and the TREBLE down, the tone will be a little less midrangy compared to the BRIGHT off and the TREBLE turned up.

23) NORMAL/MID CUT SWITCH: In the NORMAL setting, the midrange is, well, normal. The MID CUT on opens a whole new range of tones to further expand your "tonal palette". Try using the MID CUT with your clean sound to create a pristine, almost acoustic tone or take some of the "honk" out of your humbucking pickups. Try it on your high gain settings to get some serious "metal-ish" chunk.

24) CHANNEL 2 GAIN: This controls the amount a "drive" in the preamp. Low settings of the GAIN knob (with higher settings of the VOLUME knob) will keep the sound big, full and beautiful. You can also use higher settings of the GAIN knob to push the channel into overdrive to get some really raucous rock & roll crunch tones.

25) CHANNEL 2 ON LED: Tells you CHANNEL 2 is active.

26) CHANNEL SELECT: This pushbutton selects CHANNEL 1 or CHANNEL 2. NOTE: This button is disabled when the footswitch in plugged in.

27) GUITAR INPUT: Plug your guitar in here using a high-quality, shielded instrument cable.

28) TWEAKER-40 LOGO: To remind you of why you are here. You are a "Tone Tweaker" and, as such, have certain obligations. First you must relentlessly carry on the "Tone Quest". Next, *you must never be fearful of turning knobs*. You will never discover the potential if you don't. There are no "correct" settings. What sounds great to you ARE the correct settings. (We do try to guide you a bit in the "Finding Your Sound" section). Take advantage of all the "Tone" possibilities sitting before you right now. Use the Tweaker to create those sounds, "in your head" that are yearning to be released to the world.

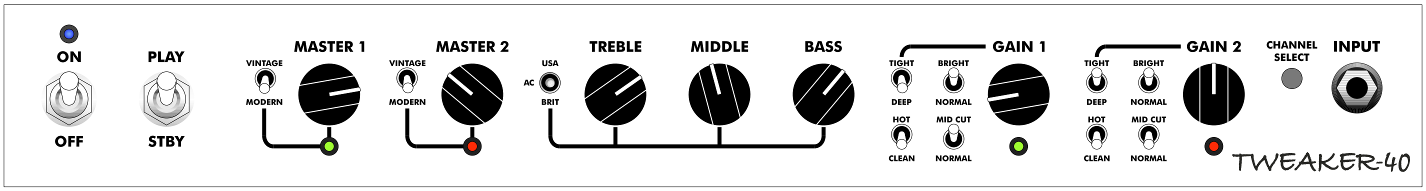
SPECIAL NOTE:
You may have noticed by now that we have given the same descriptions for all the controls on both channels. That is because both channels are identical. This gives you a seamless transition when switching channels. The array of switches allows you to set the channels to sound very different or very much alike. Maybe you want CHANNEL 1 to be really clean and CHANNEL 2 to have basically the same tone, only louder for solos? Or, you could set CHANNEL 1 for a sort of "rock 'n roll" rhythm and CHANNEL 2 for a high gain solo sound. You won't feel like you are playing through two different amps.

Egnater™ CUSTOM AMPLIFICATION

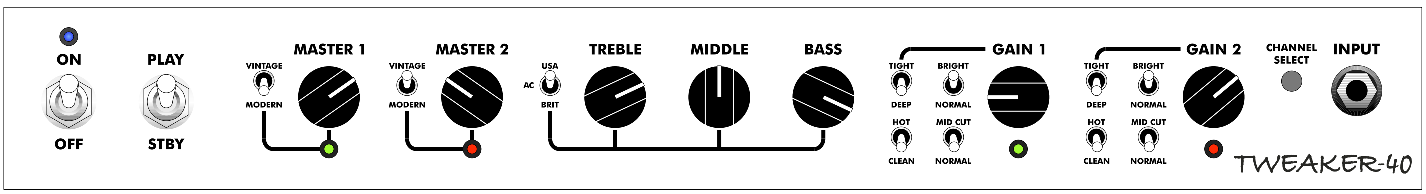
TWEAKER-40 HEAD

FINDING THE SOUND YOU WANT!

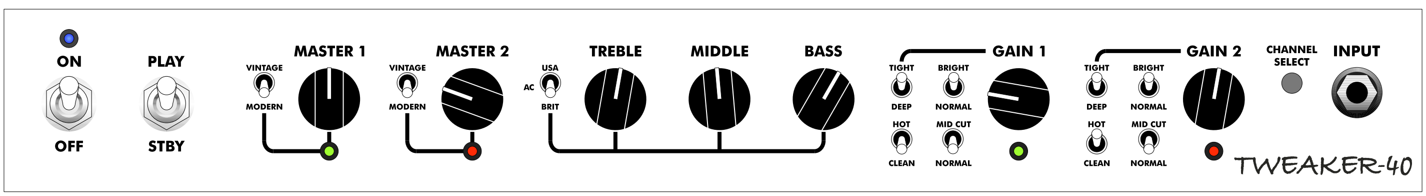
Below are some suggested knob settings to get you started. Keep in mind these are merely suggestions. You are encouraged to experiment to find "your tone".



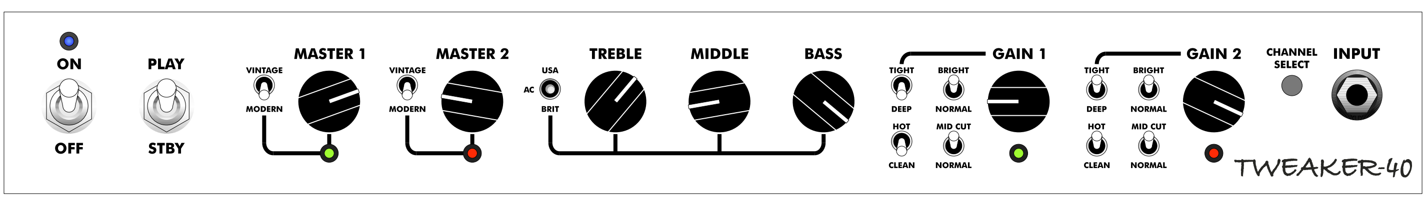
SHIMMERING CLEAN — ROCKIN' TWANG



CALIFORNIA CLEAN — CALIFORNIA CRUNCH



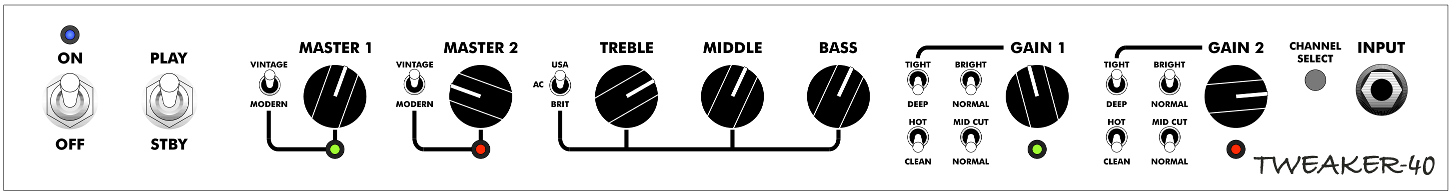
BRITISH CLEAN — BRITISH RAWK



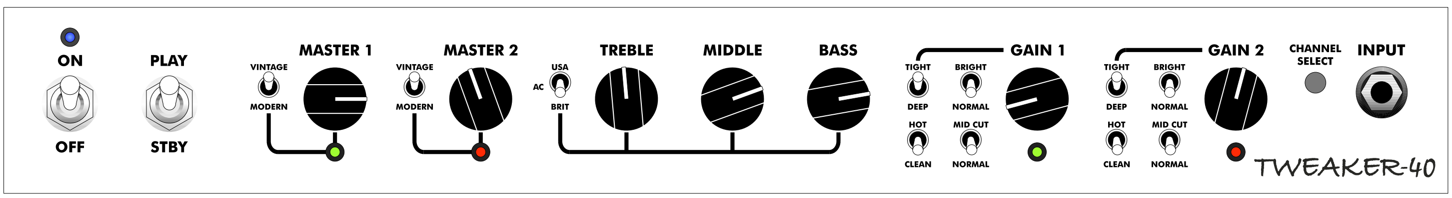
PRISTINE CLEAN — BEDROOM METAL

> "Let your ears create the tones, not your eyes.
>
> **-Bruce Egnater**

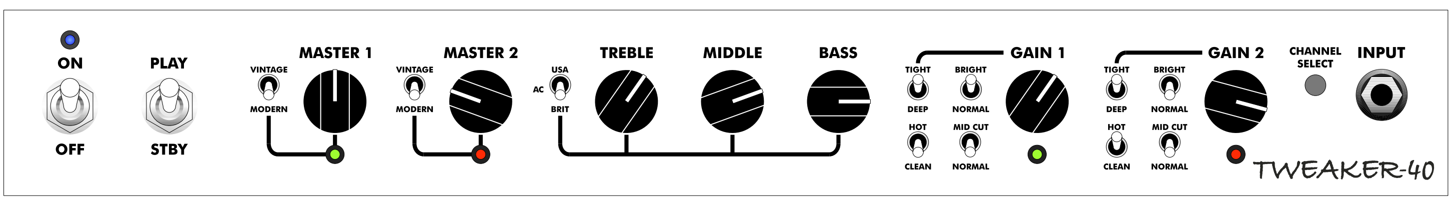
FINDING THE SOUND YOU WANT! con't



BLUES DELUXE — BLUES SOLO



SMOOTH JAZZY CLEAN — SMOOTH JAZZY SOLO



BRITISH RHYTHM — BRITISH LEAD

TONE TIPS FOR TWEAKERS.......

1) Both channels on the TWEAKER-40 are identical. Same gain, same tone, same everything for a seamless transition between sounds.

2) The suggested settings above are just that .... SUGGESTIONS. Use these as a starting point to TWEAK from. Turn the knobs. Flip the switches. Get a feel for what each one does. Think of each control as another color. You will be rewarded with a vast pallet of tones to choose from.

3) When cranking the GAIN, the TIGHT switch is really useful for making the bass tighter and more solid.

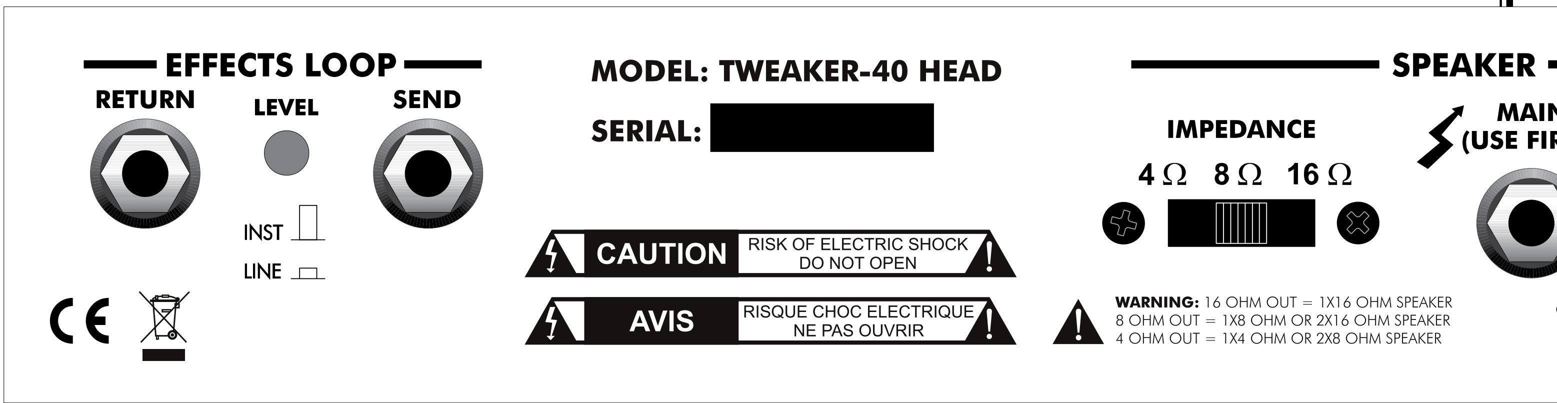
4) The less gain you use, the clearer and more defined your tone will be. Try to find a happy medium between lots of gain (more fun to play) and less gain (cuts through the band better).

5) When experimenting with the tone controls, be aware that turning the TREBLE up and the BRIGHT switch off sounds very different from turning the TREBLE down and the BRIGHT switch on. Try both ways when tweaking the high end. You will find lower settings on the TREBLE knob result in a bit less mid range.

6) The BRIGHT switches are tied to the GAIN controls. The higher the gain setting, the less effect the BRIGHT switch will have. You can use this to vary the amount of Brightness. Set the GAIN very low for maximum BRIGHT switch effect. If you want less, just turn the GAIN control up and reduce the MASTER volume accordingly.

Egnater™ CUSTOM AMPLIFICATION TWEAKER-40 HEAD

REAR PANEL

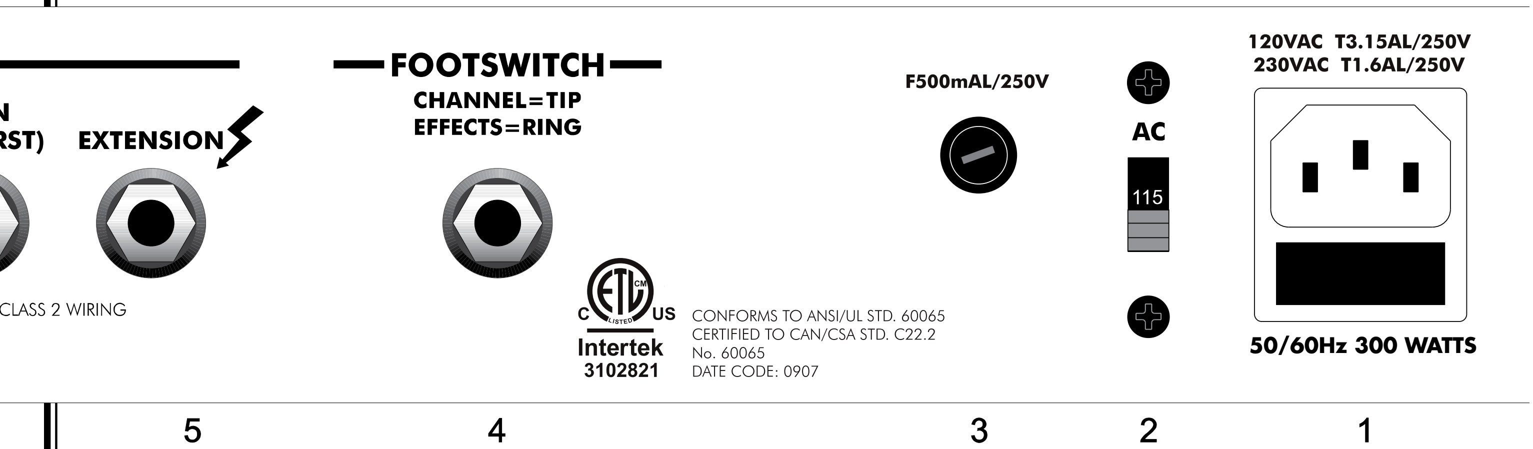


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1) AC INLET and FUSE: Connect a universal IEC type power cord. Be sure the proper value fuse is installed that matches the ratings as indicated for your country on the rear panel.
2) AC VOLTAGE SELECTOR: Makes the Tweaker-40 compatible with the line voltage in any country. Proper setting of this switch is absolutely critical. Be sure the switch position matches the line voltage in your country. Severe damage will result from improperly setting this switch and will void your warranty, as well as destroy your amp. To change the setting, loosen (DO NOT REMOVE) the two screws securing the plastic safety cover strip over the switch. Swing the cover aside. Using a small screwdriver, slide the switch to the proper setting. Replace the cover and retighten the screws. Be sure to install the proper value fuse.
3) TUBE FUSE: This fuse is directly connected to the power tubes high voltage supply. In the unlikely event of a power tube failure/short, this fuse will open. If this happens, it is a sure indication of a defective power tube.
4) FOOTSWITCH: The Tweaker-40 footswitch has four pushbuttons for control of channel switching, the effects loop and the individual BOOSTS for each channel. The cable splits into two ¼" plugs at the amplifier end. These cables are color coded to match the jacks on the amp.
5) EXTENSION SPEAKER OUTPUT: Used to connect a second speaker cabinet. Since the MAIN speaker output is labeled USE FIRST, it would reasonable to assume this jack could be labeled USE SECOND, which would be correct. See the section later in this manual for proper connection and IMPEDANCE SWITCH settings for different speaker arrangements.
6) MAIN SPEAKER OUTPUT: Labeled "USE FIRST" because you must use this jack….FIRST. There is a special circuit inside the Tweaker-40 that helps protect the amplifier from damage in case you forget to plug in the speakers and attempt to play. As we all know, you NEVER operate a tube amplifier without a proper speaker load connected…but we didn't have to tell you that, did we ?
7) IMPEDANCE SELECTOR SWITCH: Set this switch to match the IMPEDANCE of your speakers.
8) EFFECTS LOOP: Basically a series insert patch point between the preamp and power amp. When an external effects gadget is patched into these jacks, the path is interrupted and 100% of your signal is routed through the effects. This puts some special demands on the effects unit. First, the effects unit must be essentially transparent, meaning it can't mess with your tone. Second, the input and output levels (if there are any) must be properly set for lowest noise and maximum headroom. Proper setting of these controls can be achieved using the following method:

a) Set your amp/preamp volume levels for normal playing levels. Connect a

REAR PANEL



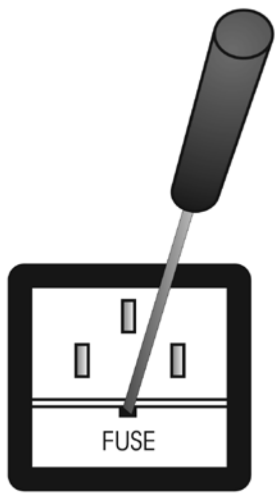
high quality shielded cable from the series send jack to the effect input. Set the LEVEL switch to LINE (pushed in).

b) Adjust the effects unit input level to "just peak", if the effect has a level indicator, while playing your most aggressive licks. If the effect does not have a level indicator, you can skip this step.

c) Now connect another high quality shielded cable from the effect output to the return jack.

d) Adjust the effects unit output level to the match the volume you heard before connecting the return cable. You can check this by switching the loop in and out from the footpedal. This is called "unity gain". A cool "techie" phrase for "you get out what you put in". If your effects gadget does not have level controls, it can be assumed you will get unity gain when plugged in.

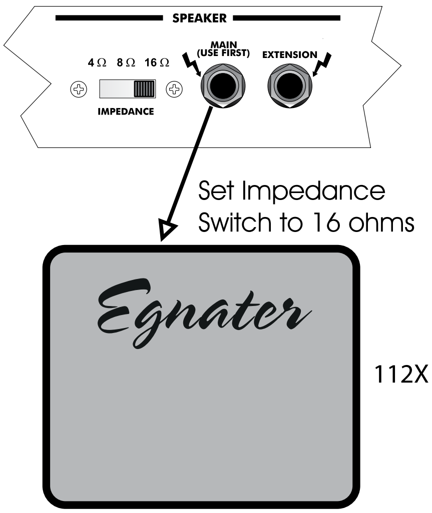
NOTE: Depending on how loud you play, the level at the loop may be higher than normal guitar level. Though many floor type and tabletop effects may work, some may tend to overload. You will know an effect is not made for higher levels if, when you turn the loop on with the effect in the loop, you notice distortion and/or a loss of volume. Most modern effects (including many pedals) can operate just fine in an effects loop. We have gone to great lengths to make the Tweaker loop compatible with as many different effects gadgets as possible. If you

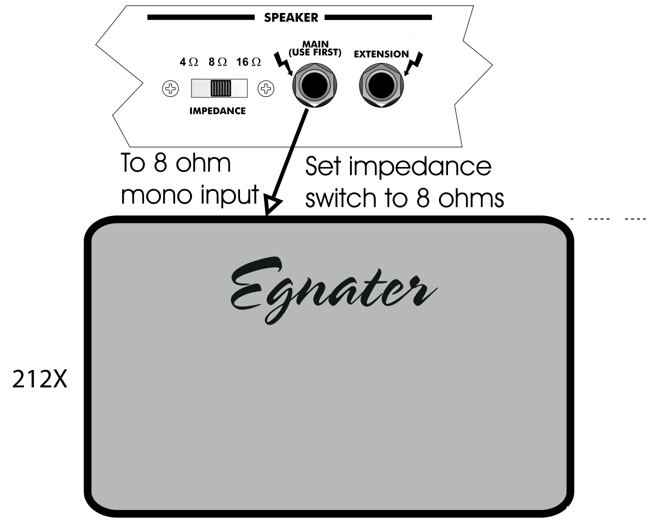


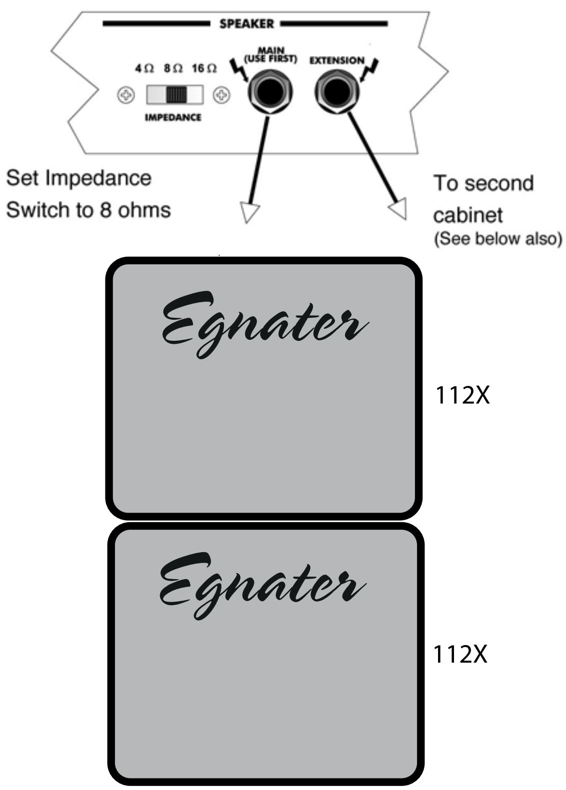
INSERT A SMALL SCREWDRIVER INTO THE SLOT TO SLIDE THE FUSE CAP OUT

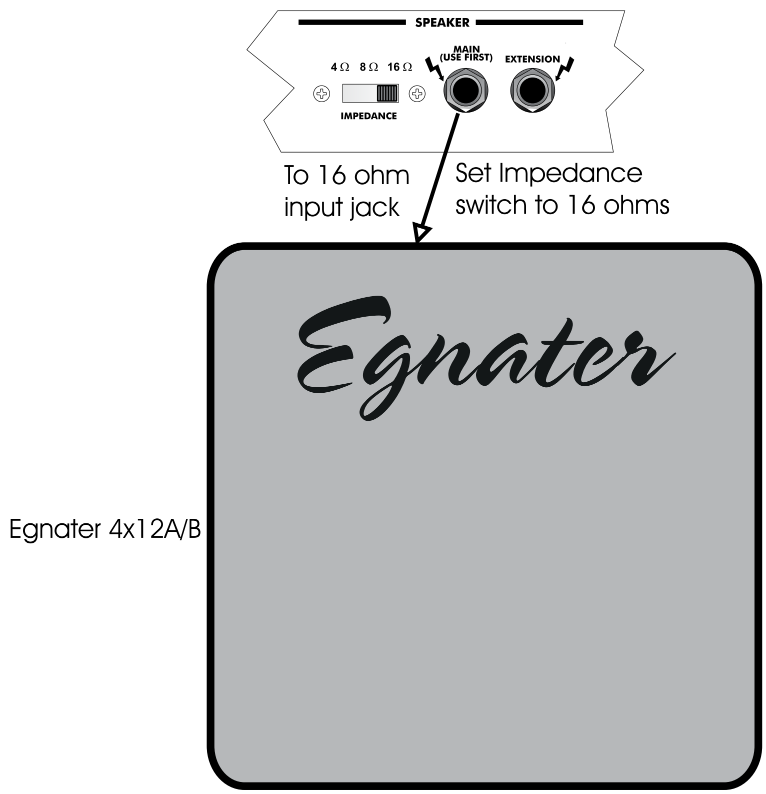
do find your effect is distorting, change the LEVEL switch to INST (out). This should fix the problem. Of course, you still may occasionally encounter a device that simply won't work properly in a loop. This is one of the reasons we discourage players from using pedals in a loop. You just spent a considerable amount of your hard earned dollars to get this awesome sounding amp. Sticking a mediocre pedal in the loop of your amp seems to be "counter-tone". Remember what we said about the effect being transparent. Most pedals color your sound and not always in a good way.

CONNECTING YOUR SPEAKERS





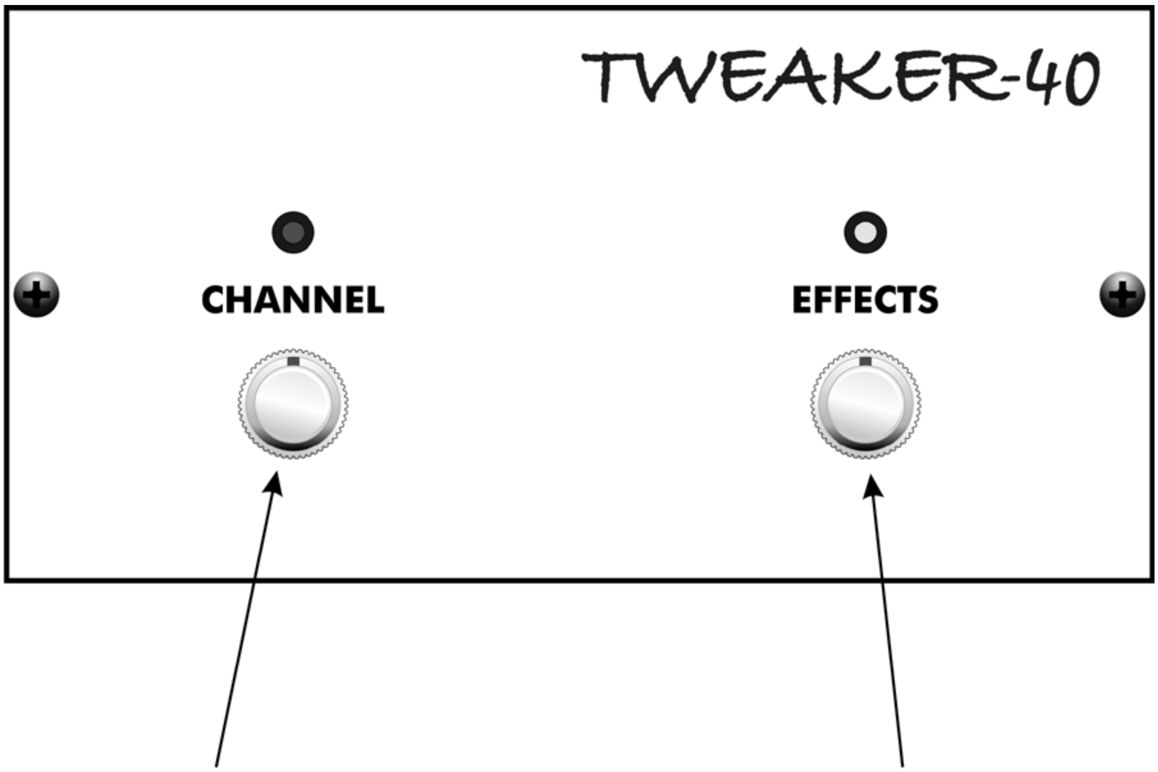




Always set the impedance switch to match the cabinet impedance. Here is some handy information.

To determine the proper setting using multiple cabinets of the same impedance, simply take the impedance of one cab divided by the number of cabinets. For example, if you have two 16 ohm cabs, simply divide 16 by 2 for a total load of 8 ohms. Also, when using two cabinets, you can connect a cable from the head to one cabinet. Then use another cable to "jump" to the other cabinet. This is the same as running two cables from the head MAIN and EXTENSION jacks to each cabinet indvidually. Whichever is more convenient is acceptable.

TWO-BUTTON FOOTSWITCH



CHANNEL SELECT BUTTON
NO LIGHT ON = CHANNEL 1 ON
RED LIGHT ON = CHANNEL 2 ON

EFFECTS LOOP BUTTON
LIGHT ON = LOOP ACTIVE

Egnater™ CUSTOM AMPLIFICATION TWEAKER-40 HEAD

FEATURES AND SPECIFICATIONS

GLOBAL FUNCTIONS:

- 4/8/16 ohm Impedance Selector Switch
- Master Treble, Middle, Bass controls
- Master BRIT/AC/USA EQ switch
- Two Footswitchable Channels
- Buffered Series Effects Loop with Level Switch (Instrument or Line)
- International Voltage Selector
- Two Button Footpedal for Channel and Effects Loop
- Front Panel Channel Select Pushbutton

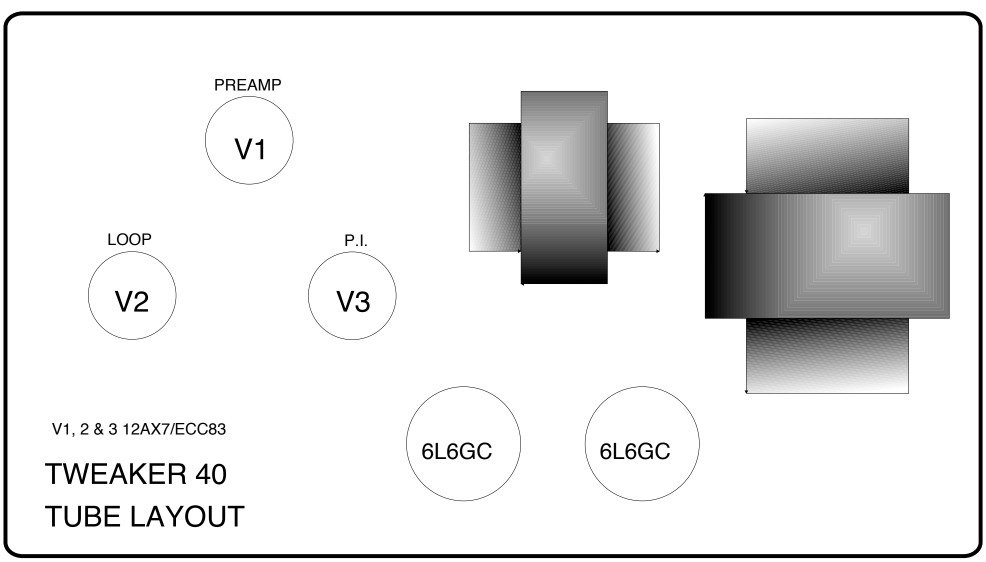
CHANNEL FUNCTIONS:

- Separate Gain and Master Volume Controls for Each Channel
- Deep/Tight, Normal/Bright, Clean/Hot and Normal/Mid Cut Switches
- Modern/Vintage Voicing Switch

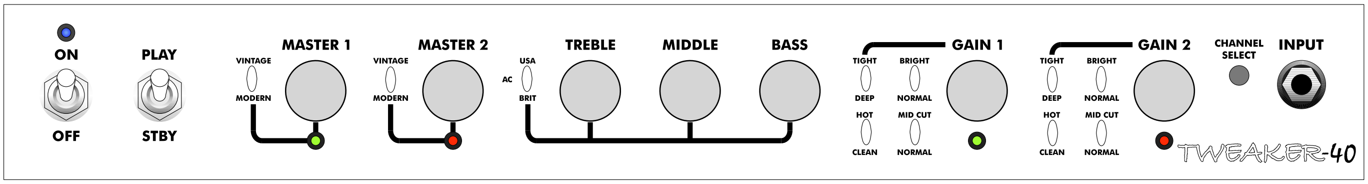
SPECIFICATIONS:

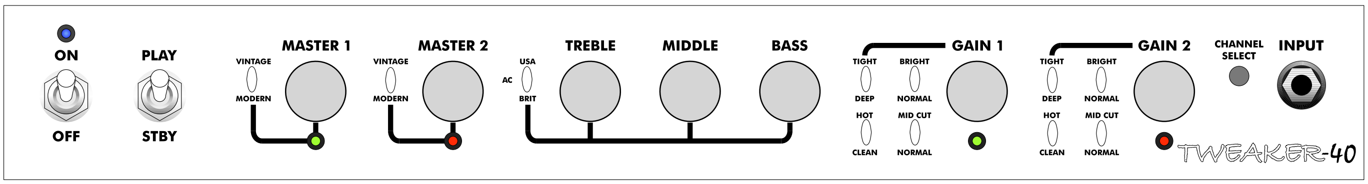
OUTPUT POWER:	40 watts RMS @5%THD (CLASS A/B)
TUBES:	Matched Pair Premium Selected 5881/6L6
	Three premium selected 12AX7
INPUT IMPEDANCE:	1meg ohm
EFFECTS LOOP SEND IMPEDANCE:	100 ohms
EFFECTS LOOP RETURN IMPEDANCE:	330K ohms
SWITCHES:	
VINTAGE/MODERN:	+5dB @ 120Hz & +4dB @ 3.6KHz
BRIT/AC/USA:	Selects British, AC or American Tone Stack
CLEAN/HOT :	+9dB Gain Boost
DEEP/TIGHT:	-6dB @ 180Hz
NORMAL/BRIGHT:	+8dB @ 4KHz MAX
NORMAL/MID CUT	-6dB @ 400Hz

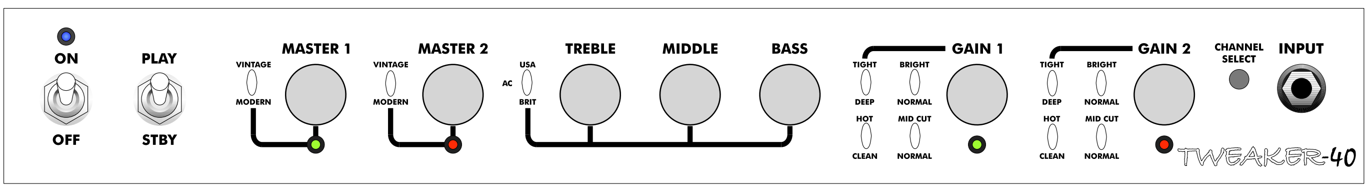
DIMENSIONS:	
Tweaker-40	470mm (W) x 182mm (H) x 206mm (D)
Tweaker-40 112	508mm (W) x 430mm (H) x 266mm (D)

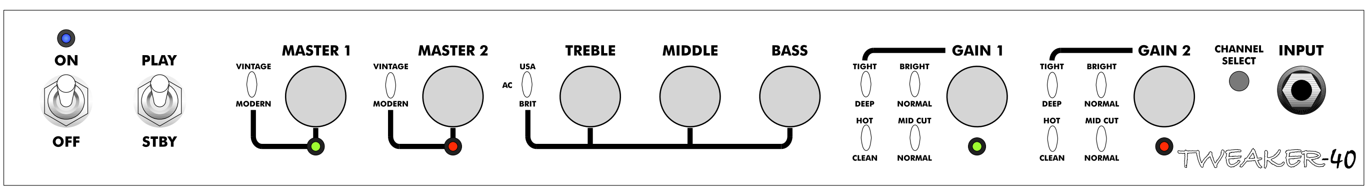


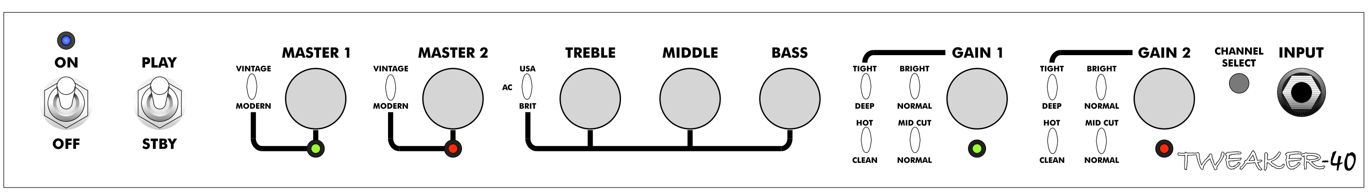
PERSONALIZE YOUR SETTINGS

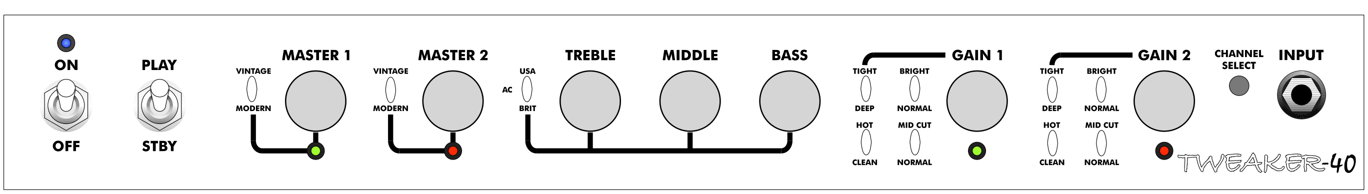












TWEAKER-40 HEAD

LIMITED WARRANTY

Thank you for choosing Egnater. Egnater manufactures some of the world's most innovative all-tube amplifier, combos and speaker cabinets. Egnater takes great pride in thoroughly testing each product prior to shipment.

AMPLIFIERS, COMBOS AND SPEAKER CABINETS: Egnater offers a three (3) year warranty to the original purchaser that an Egnater product will be free from defects in material and workmanship. A dated sales receipt will establish coverage under this warranty. This warranty does not cover service or parts to repair damage caused by accident, neglect, abuse, normal & wear, disaster, misuse, abuse, over-powering, negligence, inadequate packing or shipping procedures and service, repair or modifications to the product which have not been authorized or approved by Egnater. If this product is defective in materials or workmanship as warranted above, your sole remedy shall be repair or replacement as provided below.

TUBES: Egnater warrants the original purchaser that the tubes used in an Egnater amplifier/combo will be free from defects in material and workmanship for a period of 90 days from the original date of purchase. A dated sales receipt will establish coverage under this warranty. This warranty will automatically terminate 90 days after the original retail sales date. This warranty is in lieu of all other expressed warranties. If tubes fail within the 90 day warrant period your sole remedy shall be replacement of tubes as provided below.

RETURN PROCEDURES: In the unlikely event that a defect should occur, follow the procedure outlined below. Defective products must be shipped, together with proof of purchase, freight pre-paid and insured to the Authorized Egnater Service Center or directly to Egnater. If a product must be returned to Egnater for warranty replacement/repair, a Return Authorization Number must be obtained from our Customer Service Department prior to shipping the product.

Please contact our Customer Service Department for the Authorized Egnater Service Center nearest you. Products must be shipped in their original packaging or its equivalent; in any case, the risk of loss or damage in transit is to be borne by the purchaser. The Return Authorization Number must appear in large print directly below the shipping address. Always include a brief description of the defect, along with your correct return address and telephone number.

When calling to inquire about a returned product, always refer to the Return Authorization Number. If Egnater determines that the unit was defective in materials or workmanship at any time during the warranty period, Egnater has the option of repairing or replacing the product at no additional charge, except as set forth below. All replaced parts become a property of Egnater. Products replaced or repaired under this warranty will be returned via ground shipping within the United States-freight prepaid. Egnater is not responsible for costs associated with expedited shipping, either to Egnater or the return of the product to the customer.

INCIDENTAL OR CONSEQUENTIAL DAMAGE: In no event will Egnater be liable for any incidental or consequential damages arising out of the use or inability to use of any Egnater product, even if an Egnater dealer has been advised of the possibility of such damages, or any other claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

FOR YOUR PROTECTION: Please complete and mail the Purchase Information Card within (10) ten days of the date of purchase so that we may contact you directly in the event a safety notification issued in accordance with the 1972 Consumer Product Safety Act.

CUSTOMER SUPPORT: Our dedicated staff is ready to help you with any warranty or product questions you may have. Please call 1-877-EGNATER (9:00AM to 4:00PM Pacific Standard Time).

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Boutique Amps Distribution
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